

Abstract

The present invention relates to a new type aircraft. The aircraft includes the airframe and wing, characterized in that the transverse section of airframe has an
5 oblate (oval) profile with corrugated area on the ventral of airframe; the aircraft has uneven friction areas on the underside surface of wing; there are fireproof & anti-wear layers on the envelopes of airframe ventral and friction areas; the said fireproof & anti-wear layers have tire rubber material. When the aircraft is in motion with high velocity, the friction with air is increased, which produces bigger
10 lift with more aircraft load and shortened takeoff & landing distance of aircraft, meanwhile the safe peril to aircraft caused by the shear transformation of wind in flight is prevented effectively; the fireproof & anti-wear layers on the envelopes of airframe ventral and friction areas have an effect on higher anti-wear proof and longer aircraft life.